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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9/3 01/8/04

In re Application of:

Balaram Sinharoy et al.

Before the Examiner: Li, Aimee J.

Serial No.: 09/548,469

Group Art Unit: 2183

Filing Date: April 13, 2000.

IBM Corporation

Title: USE OF SOFTWARE HINT FOR

Intellectual Property Law Dept.

BRANCH PREDICTION IN THE ABSENCE OF HINT BIT IN THE

Internal Zip 4054 11400 Burnet Road Austin, Texas 78758

BRANCH INSTRUCTION : Aus

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 RECEIVED

DEC 2 9 2003

Technology Center 2100

Dear Sir:

In response to the Office Action having a mailing date of September 25, 2003 (Paper No. 7), having a three-month shortened statutory period for response set to expire on December 25, 2003, please reconsider the rejections of the claims in view of the following remarks:

SECOND REPLY UNDER 35 U.S.C. § 1.111

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

CERTIFICATION UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 19, 2003.

Signature

Toni Stanley

(Printed name of person certifying)